

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 04240906 Call Order: 001 Proposal: E4W84 District:04

Counties: PALM BEACH

Road Name: SR-A1A FROM N OF EMERALD BCH WAY TO S OF ROYAL PALM WAY

Limits: 93060000

Project(s): 44617515201(*) Federal Aid No: N/A

Project(s): 44617515202 Federal Aid No: N/A

Project(s): 44617515203 Federal Aid No: N/A

Total Roadway Length:	8.172 Miles	Contract Days:	452
Total Bridge Length:	0.000 Miles	Letting Date:	09/06/24
Total Proposal Length:	8.172 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate: \$7,096,730.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of, but are not limited to, MOT (standard, traffic control officer, business signs, barrier, pedestrian LCD, arrow board, PCMS, signalization and maintenance, traffic detection and maintenance, barricade), protections (sediment barrier, inlets), monitor existing structures (inspection, settlement, vibration), earthwork (excavation, embankment), asphalt (milling, resurfacing), concrete (cleaning/sealing joints, slab replacement, curb, curb and gutter, sidewalk, driveways, prestressed pole), drainage (inlets, inlet adjustments, manholes, manhole adjustments, trench drain, french drain, culvert), pavement markings (detectable warnings, painted, thermoplastic, RPM), signing (single-column, multi-column, panel, panel remove, enhanced assembly, object marker), lighting (conductors, luminaire, luminaire special, pole foundation, pole complete), signalization (cable F&I, cable remove, aluminum pole pedestal, aluminum pole remove, mast arm F&I, mast arm remove, vehicular signal, vehicle detection, pedestrian signal, pedestrian detector, signal priority/preemption, controller, field ethernet), electrical (power service, service wire), conduit, pull/splice box, utilities (valve box adjustment, fire hydrant adjustment), tree (grates), and sod along State Road A1A (South Ocean Boulevard/South County Road) from north of Emerald Beach Way to south of State Road 704 (Royal Palm Way) for 2.295 miles in the Town of Palm Beach, Palm Beach County.

- PRE-QUALIFIED: Contractor must be pre-qualified.
- PERFORMANCE BOND: A Contract / Performance bond is required for this project.

PLEASE READ STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FY2024-25 (SECTION 7-13) FOR INSURANCE LIMITS.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44617515201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44617515201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	336.000
	0102- 60-	WORK ZONE SIGN	ED	54,462.000
	0102- 61-	BUSINESS SIGN	EA	2.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	500.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	1,000.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	202,844.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	744,000.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	1,978.000

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	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	2,030.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	2,712.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	2,712.000
	0102-115-	TYPE III BARRICADE	ED	2,712.000
	0104- 10- 3	SEDIMENT BARRIER	LF	3,937.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	94.000
	0107- 1-	LITTER REMOVAL	AC	65.040
	0107- 2-	MOWING	AC	24.560
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44617515201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44617515201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44617515201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	0.020
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	2,705.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	26.000
	0120- 1-	REGULAR EXCAVATION	CY	373.200
	0120- 6-	EMBANKMENT	CY	373.400
	0160- 4-	TYPE B STABILIZATION	SY	557.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	498.000
	0327- 70- 8	MILLING EXISTING ASPHALT PAVEMENT, 2 1/2" AVG DEPTH	SY	51,489.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	3,764.500
	0337- 7- 80	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	3,526.000
	0350- 5-	CLEANING & SEALING JOINTS- CONCRETE PAVEMENT	LF	55.000
	0353- 70-	CONCRETE PAVEMENT SLAB REPLACEMENT	CY	10.400
	0425- 1-201	INLETS, CURB, TYPE 9, <10'	EA	4.000
	0425- 1-523	INLETS, DT BOT, TYPE C, JBOT, <10'	EA	2.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	4.000
	0425- 2- 42	MANHOLES, P-7, >10'	EA	1.000
	0425- 4-	INLETS, ADJUST	EA	4.000
	0425- 5-	MANHOLE, ADJUST	EA	44.000
	0425- 6-	VALVE BOXES, ADJUST	EA	78.000
	0430-175-112	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 12"S/CD	LF	37.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	146.000
	0436- 1- 1	TRENCH DRAIN, STANDARD	LF	72.000
	0443- 70- 4	FRENCH DRAIN, 24"	LF	120.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	798.000
	0520- 1- 11	CONCRETE CURB & GUTTER, VARIABLE HEIGHT TYPE F	LF	553.000
	0520- 2- 2	CONCRETE CURB, TYPE B	LF	140.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	2,506.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	1,946.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	579.000
	0527- 2-	DETECTABLE WARNINGS	SF	583.000

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ALT	Item	Description	Unit	Quantity
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	509.000
	0580- 12- 51	LANDSCAPE- TREE GRATING	SF	169.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	1,986.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	10.216
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.108
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	3,932.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	664.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	922.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.390
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.380
	0710- 11-144	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE FOR ROUNDABOUT, 12"	GM	0.082
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	42.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	70.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	5.332
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	2,548.000
	0710- 11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	3.588
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.150
	0710- 11-421	PAINTED PAVEMENT MARKINGS, STANDARD, BLUE, SOLID FOR PARKING LOT- ACCESSIBLE MARKINGS, 6"	LF	180.000
	0999- 16-	PARTNERING, DO NOT BID (44617515201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44617515201)	LS	1.000
	0999- 26-	LOCAL AGENCY INITIAL CONTINGENCY AMOUNT (DO NOT BID) (44617515202)	LS	1.000
	0999- 26-	LOCAL AGENCY INITIAL CONTINGENCY AMOUNT (DO NOT BID) (44617515203)	LS	1.000
Section 0002 Signing				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	20.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	1.000
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	95.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	10.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	14.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	70.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	37.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	1.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	35.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	2.000
	0700- 15- 2	IN-STREET SIGN ASSEMBLY, FURNISH AND INSTALL- FIXED BASE CONNECTION	EA	2.000

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	0700-141-111	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS	EA	1.000
	0700-142-111	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS	EA	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	3.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	993.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44617515201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,966.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	332.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	461.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.190
	0711- 11-144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM	0.041
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	21.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	35.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	1,274.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.075
	0711- 11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID,6"	LF	90.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,199.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	93.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	5.108
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.054
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",1C-30 SKIP OR 3-9 LANE DROP	GM	0.178
	0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.017
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	2.680
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	1.794
Section 0003 Lighting				
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	679.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	65.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	2,997.000
	0715- 5- 31	LUMINAIRE & BRACKET ARM- ALUMINUM, FURNISH & INSTALL NEW LUMINAIRE AND ARM ON NEW/EXISTING POLE	EA	3.000
	0715- 5- 51	LUMINAIRE & BRACKET ARM, REMOVE LUMINAIRE AND ARM; POLE REMAINS	EA	2.000
	0715- 10-100	LIGHT POLE FOUNDATION, F&I	EA	5.000
	0715- 11-219	LUMINAIRE - SPECIAL DESIGN, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY	EA	12.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	32.000
	0715-540-000	LIGHT POLE COMPLETE- SPECIAL DESIGN, RELOCATE	EA	12.000

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Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	110.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,375.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	5.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	5.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	99.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	20.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	22.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	7.000
	0649- 21- 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	EA	1.000
	0649- 21- 2	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 30'-30'	EA	1.000
	0649- 21- 4	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 40'-30'	EA	2.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	1.000
	0649- 21- 7	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-30'	EA	1.000
	0649- 21- 11	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-30'	EA	1.000
	0649- 21- 12	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-40'	EA	1.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	EA	13.000
	0649- 26- 5	STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUNDATION- BOLT ON ATTACHMENT	EA	8.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	31.000
	0650- 1- 19	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION CLUSTER, 1 WAY	AS	3.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	18.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	4.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	14.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	14.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	27.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	5.000
	0682- 1-400	ITS CCTV CAMERA, RELOCATE	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	4.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	2.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	12.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	2.000

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ALT	Item	Description	Unit	Quantity
	Section 0005 Utilities			
	1644-700-	FIRE HYDRANT, ADJUST & MODIFY	EA	1.000